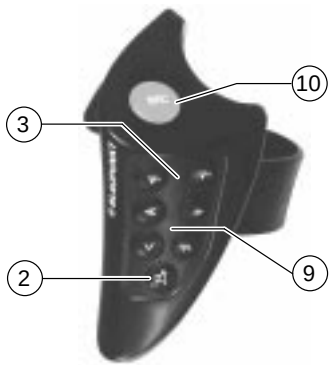
Radio / Cassette

Saint Tropez RCM 168
Ravenna RCM 168
Rimini RCM 169
Las Vegas DJ

Operating instructions

BLAUPUNKT
Bosch Gruppe

Remote control RC 08 (optional)



Display

The display consists of three fields and varies according to the operating mode and function.

Display field 1:

Radio mode
Memory banks and wavebands
Brief indication of preset station (e.g. P1)

Cassette mode
CAS - cassette inserted
MTL - tape type

Changer mode
Current track

Audio
Numeric and graphic representation of volume and audio settings

DSC
Permanent display for DSC programming.
Graphic representation of the adjusted volume level.

Display field 2:

Radio mode
Radio frequency or station name
PTY programme type
Clock display

Cassette mode
TAPE1/TAPE2 - side of tape playing
Active functions (e.g. CPS)
Clock display

Changer mode
Current CD playing
CD time (elapsed time), CD name, CD number and Brief indication of changes in function
Clock display

DSC
Serves as display and input field during DSC programming
Clock display

Miscellaneous
Indicates new source (e.g. when changing from radio to cassette) and active functions (e.g. BASS, SCAN)

Display field 3:

Active functions

- Stereo
- Cassette inserted
- CD changer connected
LD - Loudness

Radio mode
AF - Alternative Frequency for RDS
PTY - RDS programme type
TA - Priority for traffic information
TP - Traffic programme station
lo - Seek tuning sensitivity

Cassette mode
RPT - Repeat function
- Dolby noise reduction

Changer mode
RPT - Repeat function
MIX - Tracks played at random

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Quick reference

① **REL**
To release the detachable panel (theft protection).
Press this knob and remove the release panel.

② **ON - Power on/off**
Press this button to turn the unit on. It will play at the preset volume.
If you press this button briefly while listening to the radio, the volume will mute instantly
(MUTE).
Cancel this function by pressing the ON button again. You can adjust the mute volume (refer
to the section on DSC programming).
Press the button for about 2 seconds to turn the unit off.

Switching on/off with the ignition:
If the unit has been connected as described in the instructions, it can also be turned on and
off with the vehicle ignition.
Press the ON button to keep on operating the unit when the ignition is switched off.
To prevent the battery from running down, the system will turn off automatically after one hour of playback.

③ **Volume knob**
Turn the knob to adjust the volume.

④ **DSC Direct Software Control**
This feature allows you to adjust the basic programmable settings.
For further information, refer to the section on DSC programming.

⑤ **Cassette slot**
Insert the tape into the slot with the open side showing to the right. The tape will be played in direction
"TAPE 1".

⑥ **Display**
The display indicates all settings, operating modes and functions.

⑦ ◁▷
This button switches tape playback between Tape 1 and Tape 2 (different sides of the tape).

⑧ ⏏ **Eject**
Press this button to eject the cassette.

⑨ **Rocker switch**

Radio mode

^ / v	**Seek tuning**
^	Up
v	Down
<< / >>	Up/down in short intervals (for FM only if "AF" is off)

For FM only:

<< / >>	Scrolls through the broad cast networks, if AF is on. Example: NDR 1, 2, 4,

Cassette mode

^ / v	**S-CPS function**
^	Up
v	Down

Press repeatedly to skip over the corresponding number of songs. Press the button indicating the opposite direction or **<< >>** to stop the function.

>> **Fast forward**
<< **Fast rewind**

Press the button indicating the opposite direction or ∧/∨ to stop tape winding.

Changer mode

Optional:
Saint Tropez RCM 168,
Ravenna RCM 168,
Rimini RCM 169
Included:
Las Vegas DJ

Select CD
∧ Up
∨ Down

Select track
>> **Up:** press briefly
CUE - fast forward (auible):
hold button down.
<< **Down:** press two or more times briefly
Repeat track: press once briefly.
REVIEW - fast reverse (audible): hold button down.

Additional rocker switch functions:
For additional settings use
AUD (11)
DSC-MODE (4)
PTY (16)
Important: The corresponding function must be active.

(10) **SRC (Source)**
Press button briefly to select the operating mode (tuner, cassette, changer). The active mode will appear in the display.

(11) **AUD**
Treble and bass adjustment
You can store different settings for the FM, MW, LW, cassette and CD mode.
Setting the tone:
- Select the operating mode.

Press **AUD** once and use the rocker switch to set the tone.
∧ Treble +
∨ Treble -
<< Bass -
>> Bass +

For Fader and balance adjustment: press **AUD** twice.
∧ Fader front
∨ Fader rear
<< Balance left
>> Balance right

The selected values will appear in the display. The last setting is stored automatically.
Switching AUD off: Press the button again briefly.
If you do not make any adjustments to the tone within 8 seconds, the AUD mode will quit automatically.

Extra function: LD
Loudness boosts the bass frequency at low volume.
Loudness on/off: Press **AUD** for approx. 1 second.
"LD" will appear when this setting is active.
Refer to the section on DSC programming to adjust Loudness to different levels.

(12) **SCA Scan**
Scans radio stations or song titles/ tracks.
You can set the scan time in DSC programming.

Radio mode

Press **SCA** briefly.
All of the FM stations within reception range will be scanned. "SCAN" will appear in the display, alternating with the radio station currently being scanned (flashing).

Preset Scan
Press **SCA** for approx. 2 seconds until you hear a beep. "PS Scan" will appear in the display, followed by the station symbol (flashing).
The stations stored on the station preset buttons and within reception range will be scanned.
To stop Scan / Preset Scan:
Press **SCA** again.

PTY Scan
PTY Scan cannot be started unless PTY is switched on ("PTY" will light up in the display.)
The radio stations for the program type selected will be scanned.
"PTY SCAN" will appear in the display, alternating with radio station currently being scanned.
To stop Scan / PTY Scan:
Press **SCA** again.

Cassette mode

Press **SCA** briefly.
All of the titles on the cassette will be scanned.
To stop Scan:
Press **SCA** again

Changer mode

Press **SCA** briefly.
All of the CD tracks will be scanned.
"SCAN" will appear in the display.
To stop CD scan:
Press **SCA** again.

(13) ◷ DIS - Clock display

Radio mode

Press this button briefly and the time will appear in the display for a short while.

Changer mode

Press this button to switch the display between the CD Name, CD number, playback time indication and clock.

Cassette mode

Press this button to switch the display between the time and the cassette track (TAPE 1/TAPE 2).

(14) Preset buttons 1 to 6

Radio mode

You can store six stations in each FM memory bank (1, 2, and "T").
On MW and LW you can also store six stations each.
Store station - Hold down a preset button in radio mode until you hear a beep.
Recall station - Select a waveband and the memory bank on FM as well; press the
corresponding preset button briefly.

Cassette mode

1/MTL -
Selects between chrome or iron oxide tape types.
Press **1/MTL**.

2/▯▯ - Dolby
Reduces excess noise when playing tapes recorded using the DOLBY B system.

3/▯▷ - Pause
Interrupts tape playback. "PAUSE" will appear in the display.
Press this button once again to resume playback.

4/RPT
Repeats song titles.
"REPEAT-T" will appear briefly in the display. RPT will light up in the display and the title will repeat until **4/RPT** is pressed again. "RPT" will disappear from the display.

Changer mode

3/⏯- Pause
Interrupts CD playback. "PAUSE" will appear in the display. Press button again to resume CD playback.

4/RPT
Repeats tracks: press **4/RPT**. "REPEAT-T" will appear briefly. The track will be repeated until **4/RPT** is pressed again.
Repeat CD: select "REPEAT-D".
Hold down **4/RPT** to select "REPEAT-D" until a beep is emitted.
To stop "REPEAT-CD", press **4/RPT** again.

5/MIX
"MIX CD" plays the tracks of one CD in random order.
"MIX ALL" plays the tracks of all the CDs in one changer magazine in random order.
To turn "MIX CD" on:
Press **5/MIX** briefly.
The current setting is briefly indicated in the display: "MIX-CD".
Hold down **5/MIX** to select "MIX-ALL".
Keep **5/MIX** pressed down until a beep is emitted.The desired option lights up in the display.
To stop MIX functions, press **5/MIX** briefly.

6/LIST
Displays a list of the CD names

⑮ **BA/TS**
Switches between the wavebands/ memory banks FM1, FM2, FMT (Travelstore), MW and LW

Extra function: Travelstore
To store the six most powerful radio stations in the Travelstore bank:
Press BA/TS until a beep sounds and "T-STORE" appears.

⑯ **PTY (Programme Type)**
You can select among various programme types. Using the rocker switch <<>> it is possible to recall all PTY programme types, if PTY is activated ("PTY" lights up in the display).

⑰ **AF·TA**
Alternative Frequency in RDS mode:
If "AF" appears in the display, the radio will automatically search for the best radio frequency offering the same programme.
AF on/off:
Press **AF·TA** until a beep is emitted.

TA (**T**raffic **A**nnouncement = priority for traffic programmes)
TA on/off:
Press **AF·TA** briefly: "TA" will appear in the display, priority for traffic programmes activated.
TP" (Traffic Programme) will be displayed when the radio is tuned into a station which broadcasts traffic information.

Important notes

Remote control operation

General

SRC Press briefly: change the audio source
Press briefly: muting
V+ Higher volume
V- Lower volume

Radio mode

∧ Seek tuning upwards
∨ Seek tuning downwards
>> Next FM preset upwards
<< Press briefly: select the waveband
Hold down: Travelstore

Cassette mode

∧ Select track (SCPS) upwards
∨ Select track (SCPS) downwards
>> Fast forward
<< Fast rewind
Hold down: reversing the tape

CD changer

∧ Next CD
∨ Previous CD
>> Press briefly: next track
Hold down: cue
<< Press briefly: previous track
Hold down: review
SRC Hold down: list function

What you need to know

Before using your new car audio system, please read through the following information carefully.

Traffic safety

As the driver of a motor vehicle, it is your responsibility to pay attention to the traffic situation at all times. Never use your car audio system in a way that could distract you.

Please keep in mind that you travel a distance of 14 m per second at a speed of only 50 km/h.

Should the traffic situation become particularly demanding, we advise you not to use the audio system.

Always make sure that you are still able to hear any warning signals coming from outside the vehicle, such as police or fire engine sirens, so that you can react accordingly.

Consequently, you should always select a moderate volume for playing your car audio system while you are driving.

Installation

If you would like to install your new car stereo yourself or add other audio components to existing ones, then please read the enclosed instructions on installation and connection carefully.

In order to ensure that the unit operates properly the positive power supply line must be connected via the ignition and the permanent +12 V lead.

Do not ground the loudspeaker outputs!

Telephone mute

If you have installed a car telephone in your vehicle, it is possible to automatically mute the radio and cassette or CD playback when you use the telephone (telephone mute). "PHONE" will then appear in the display.
Traffic announcements continue to have priority if you have activated TA. You can interrupt traffic messages by pressing **AF·TA**.

⚠ Warning note

Danger of damage to the automatic power antenna in a car wash.
Before you drive into a car wash
• switch the radio off by pressing the ON button.
The power antenna will retract, if it doesn't, press ON again.
Do not drive into the car wash unless the power antenna has retracted!

Release panel

Accessories

Use only Blaupunkt-approved accessories and spare parts.

CD changers
Blaupunkt CD changers:
CDC-A 08
CDC-A 072

Remote control unit
The **RC 08** infrared remote control unit allows you to conveniently operate the most important functions from the steering wheel.

Theft protection

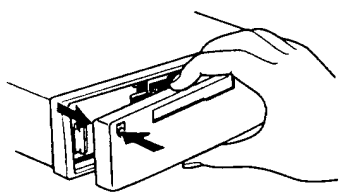
This unit is equipped with a detachable control panel. A car radio without a control panel is worthless to thieves.

Protect your car audio system and detach the control panel when you leave your vehicle. Thanks to the release panel's well-planned design, it is very easy to attach and detach.

Note:
Do not pull the release panel straight out from the chassis, but rather slide it to the left to detach it as illustrated below. Be sure not to drop the panel.
Do not expose the release panel to direct sunlight or other heat sources.
Do not expose it to moisture.

Detaching the release panel

Press the **REL** button to release the control panel. Then remove the panel and insert it into the carrying case provided.

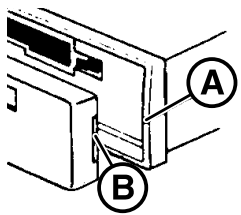


If the unit was still in operation, it will turn off now. All current settings will remain stored. If a cassette is inserted, it will remain in the unit.

The unit will turn on again automatically when you re-attach the release panel.

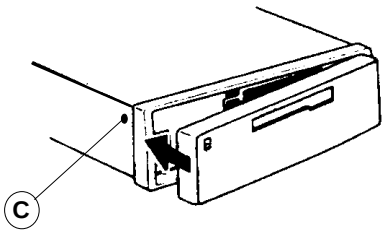
Attaching the release panel

Slide the panel (B) from the left along the guide of the chassis (A). Gently push the left side of the panel against the front of the chassis until it snaps into place.



Fixing the release panel

If you wish to fix the release panel to the chassis permanently, screw down the enclosed bolt into the hole (C) on the left hand side of the chassis, see Fig.



Selecting the operating mode

Use the **SRC** (**s**ou**rc**e) button to select between radio, cassette and CD-Changer mode.

The CD changer mode is not available unless a CD changer is connected.

To select the operating mode:

- Press **SRC**.

Radio operation with RDS (Radio Data System)

The Radio Data System enhances your enjoyment when you listen to FM radio stations.

More and more radio stations now broadcast RDS information along with their regular programming.

As soon as a programme has been identified, the station name including a regional identifier, if applicable, will appear in the display, for example, NDR1 NDS (regional programme in Lower Saxony, Germany).

When RDS is activated, the preset buttons become programme buttons. You now know exactly which programme you have tuned into, making it easy to find the desired station quickly.

But RDS also offers you further advantages:

AF - Alternative frequency

The AF (Alternative Frequency) function makes sure that the radio always tunes into the strongest frequency for the currently selected programme automatically. If this function is activated, "AF" will appear in the display.

To switch AF on/off,

- press the **AF·TA** button for a longer time.

While searching for the strongest reception signal, the radio may switch to mute briefly.

If "SEARCH" appears in the display when the radio is switched on or one of the stored frequencies recalled, the unit is already automatically searching for an alternative frequency.

"SEARCH" will disappear from the display when the alternative frequency has been found or after the frequency band has run through completely.

If the reception quality of the programme selected deteriorates beyond a certain point:

- Tune into another station.

REG - regional programme

Certain radio programmes are split up at times into regional programmes offering local information. The 1st programme broadcast by NDR, for example, offers programmes with different contents in the northern German states of Schleswig-Holstein, Hamburg and Lower Saxony at certain times of the day.

If you are listening to a particular regional programme and wish to continue doing so, select "REG ON" in the DSC mode.

If you leave the service area of the regional programme you are tuned into, or if you would like to take full advantage of RDS service, switch to "REG OFF" in the DSC mode.

Selecting a waveband

The following wavebands are available:

UKW (FM)	87,5	–	108 MHz,
MW (AM)	531	–	1602 kHz and
LW	153	–	279 kHz

- Press the **BA/TS** button to select the desired waveband.

Station tuning

Automatic seek tuning ∧/∨

- Press ∧/∨, the car radio will automatically search for the next station.

If you hold ∧/∨ pressed up or down on the rocker switch, seek tuning will speed up in the corresponding direction.

Automatic seek tuning

^ Up

v Down

<< / >> Up/down in short intervals (on FM only if "AF" is switched off)

Manual tuning with <<>>
You can also tune into a station manually.

Important:
AF and PTY must be switched off (i.e. the symbols do not light up in the display).

If necessary, deactivate these functions:

- Press **AF·TA** or PTY.

Manual tuning:

- Press << >>; the frequency will change in short intervals in the corresponding direction.

If you hold << >> pressed to the left or the right on the rocker switch, the frequency scan will speed up.

Scrolling through the broadcast networks (FM only)

You can use the <<>> buttons to tune into stations in your reception area.

If it is possible to receive several programmes in the same broadcast network, you can scroll through them in the forwards direction by pressing >>, or backwards using the << button, e.g. NDR 1, 2, 3, 4.

For this to work properly you must have already tuned into the stations at least once and "AF" must be active (lights up in the display).

To do this, you can start the Travelstore seek operation:

- Press **BA/TS** for 2 seconds; the system will start to run through the frequency band.

If "AF" is not lit up,

- Press **AF·TA** until a beep is emitted.

It is now possible to select stations using <<>>.

Switching between the memory banks (FM)

You can switch between the memory banks 1, 2 and T in order to store stations and recall them later.

The currently selected memory bank will appear in the display.

- Press the **BA/TS** button as many times as necessary until the desired memory bank lights up in the display.

Storing stations

On FM, you can store six stations on the preset buttons 1, 2, 3, 4, 5, 6 for each of the memory banks (1, 2, T).

On MW/LW, you can also store six stations each.

- Select the appropriate waveband by pressing BA/TS.
- Tune into a station with the rocker switch (either automatically ^/v or manually <</>>).
- Press the desired preset button until the radio resumes play after the muting (takes approx. 2 seconds) or until you hear a beep.

Now the station has been stored.

The display will indicate which preset button is currently activated.

Automatically storing the strongest stations with Travelstore

You can automatically store the six FM stations with the most powerful signals in your current reception area sorted according to their signal strength. This function is particularly convenient on longer trips.

- Press the **BA/TS** button for 2 seconds.

"T-STORE" will appear in the display.
The six strongest FM stations will be automatically stored on the memory bank "T" (Travelstore). When this process has been completed, the radio will play the strongest station.
If desired, stations can also be stored manually in the Travelstore bank (see "Storing stations").

Recalling stored stations

You can recall any stored station at the touch of a button.

- Select the waveband by pressing **BA/TS**. For FM, also choose the corresponding memory bank by pressing the **BA/TS** button as many times as necessary until the desired bank appears in the display.
- Press the corresponding preset button briefly to recall the station.

Scanning stored stations with Preset Scan

You can scan all of the stored stations on any of the wavebands and in the selected FM memory bank.

To start Preset Scan:

- Press **SCA** for approx. 2 seconds.

All of the stations stored on the waveband will be scanned one after the other. "PS-SCAN" will appear in the display, alternating with the station name or frequency. The abbreviation for the station currently playing (e.g. P1) will flash in display field 1.

Continue listening to a scanned station/ end Preset Scan:

- Press **SCA** briefly.

Scanning stations with Radio Scan

You can scan through all of the stations in your reception area.

To start the Scan function:

- Press **SCA** briefly.

The scanned frequency or the station name will start flashing in the display.

During the scanning process "SCAN" will appear in the display.

To select a scanned station/switch off the Scan function:

- Press **SCA** briefly.

Changing the scan time

The scan time can be selected from between 5 to a maximum of 20 seconds.

If you would like to alter the scan time, please refer to the section on "DSC programming - SCANTIME".

Selecting the automatic tuning sensitivity

You can alter the automatic tuning sensitivity.

If "lo" is displayed, the radio will only pick up strong, local stations (low sensitivity).

If "lo" does not light up, the radio will also pick up weaker, more distant stations.

If you would like to alter the sensitivity level please refer to the section on "DSC programming - SENS".

PTY - **P**rogramme **Ty**pe

PTY is an RDS service offered by an increasing number of broadcasting stations. This feature allows you to select FM stations according to their programme type. After

you have chosen the PTY of your preference, the corresponding stations can be selected either by seek tuning or using the scan function.

Programme types

Switch PTY on.

Use <<>> to have the last selected programme type displayed and to choose a new one.

You can select any one of the stored types with the preset buttons 1-6.

The following list indicates some of the programme types which are currently available.

WEATHER
FINANCE
TRAVEL
HOBBIES
JAZZ
COUNTRY
NEWS
INFO
SPORT
CULTURE
SCIENCE
VARIED
POP MUSIC
ROCK MUSIC
CLASSICS

Switching PTY ON/OFF

- Press **PTY**.

When the function is active, the programme type selected last will briefly appear in the display. "PTY" will appear permanently.

Checking the programme type of the station

- Press **PTY** for approx. 2 seconds.

After the beep tone the display will show the programme type offered by the station currently playing.
If "NONE" appears in the display, the current station has no PTY code.

Displaying the selected programme type

- Press << or >>.

The programme type selected last will be displayed briefly.

Selecting a programme type

a) Using the preset buttons
When PTY is switched on, you can use the preset buttons 1-6 to select the programme types stored at the factory.
- Press one of the presets 1-6.

The selected programme type will be displayed for 2 seconds.

If you would like to listen to a station with this PTY,

- press ∧/∨ to start the seek tuning function.

If the radio is unable to find a station offering the selected programme type, the display will show "NO PTY" and a beep tone will be emitted. The radio will select the station which was tuned into before seek tuning was activated.

You can assign different programme types to each preset position.
Please refer to the next section on "Storing programme types".

b) Using the <<>> buttons on the rocker switch
When PTY is switched on, you can select a programme type using buttons <<>>.
- Press << or >>; the programme type selected last will be displayed for 3 seconds.
- During this period press >> (forwards) or << (backwards) to select the desired type.
- Press << or >> as many times as required.

If you would like to listen to a station with the selected PTY,

- press ∧/∨ to start the seek tuning function.

If the radio is unable to find a station offering the selected programme type, the display will show "NO PTY" and a beep tone will be emitted. The radio will select the station which was tuned into before seek tuning was activated.

Storing programme types

Each of the preset buttons 1-6 has been assigned one programme type at the factory.

If desired, you can also replace these with other available programme types.

To do so, make sure that "PTY" lights up in the display.

- If necessary, press the **PTY** button to switch on the function.
- Select a programme type using buttons <<>> and
- hold down the desired preset button (1-6) until you hear a beep.

Now the selected programme type can be recalled by pressing this preset as long as "PTY" lights up in the display.

Scanning stations with PTY SCAN

Important: "PTY" must appear in the display.

- Press **SCA**.

All of the stations in your current reception area offering the selected programme type will be scanned.

To switch off PTY-SCAN:

- Press **SCA** again.

PTY priority

Situation:

PTY is switched on and lights up in the display.

No station offering the selected programme type can be found currently in your reception range (with seek tuning or scan).

The set will switch back to the station previously tuned into.

As soon as it is possible to receive a programme in the broadcast network with the PTY selected, the radio will switch over to the corresponding station for the duration of the programme.

Example:

- Station playing: NDR3.
- "PTY" lights up in the display.
- Programme type "POP" selected.
- Seek tuning is started.
- No station with "PTY-POP" can be found.
- The display shows "NO PTY" and
- automatically switches back to NDR3.
- NDR2 airs a "PTY-POP" programme.
- The radio will switch to the linked station NDR2 for the duration of the "POP" programme.

During cassette or CD operation, the set will also switch to the radio programme if the selected PTY becomes available within the broadcast network.

After the PTY programme has ended the system will switch back to the previous mode (radio, cassette or CD).

Note:

As already mentioned, these functions are only supported by a limited number of RDS stations at the present time.

Traffic programme station reception with RDS-EON

The abbreviation "EON" stands for Enhanced Other Networks, which means that information is exchanged within a radio network.

Many FM radio stations provide their service area with traffic messages at regular intervals.

Along with their programmes, all traffic programme stations transmit a special carrier signal, which is decoded by your car radio. If this signal is identified, "TP" will appear in the display (Traffic Programme).

In addition to these, there are also stations which do not actually transmit traffic information themselves, but by using RDS-EON it is possible for them to forward the traffic messages broadcast by another traffic programme station in the same radio network.

If you want to have the priority for traffic announcements activated while listening to one of these stations (e.g. NDR3), "TA" must appear on the display panel.

If a traffic announcement is broadcast, the radio will automatically switch to the linked traffic programme station (in this case, NDR2) for the duration of the message and return to the original programme (NDR3) afterwards.

Traffic announcement priority on/off

If the priority for traffic announcement programmes is activated, "TA" will light up in the display.

To switch the priority on or off:

- Press the **AF·TA** button.

If you press **AF·TA** while a message is being broadcast, this message will be interrupted.
The unit will then switch back to the previous mode. The priority for other traffic messages remains active.
Please note that several buttons have no function while a traffic announcement is broadcast.

Warning beep

If you leave the reception area of the traffic programme station currently tuned into, you will hear a warning beep after approx. 30 seconds.
This warning will also be emitted if you press a preset button for a station which does not send the traffic programme signal (TP).

Switching the warning beep off

a) Tune into another station offering traffic information:

- Press the rocker switch or
- press a preset button which has a traffic programme station allocated to it.

Alternatively:

b) Switch off the priority for traffic announcements:

- Press **TA**.
  "TA" will disappear from the display.

Automatic seek tuning start (Cassette and CD changer mode)

If you leave the reception area for the traffic programme station you have tuned into while you are listening to a cassette or CD, the system will automatically start searching for a new traffic programme.
If no such station is found within approx. 30 seconds, a warning beep will sound every 30 seconds. To switch the warning beep off, press **TA** button.

Adjusting the volume for traffic announcements and the warning beep

Although this volume was preset at the factory, you can use the DSC function to alter the setting (see "DSC programming - TA VOL").

Cassette deck operation

Cassette playback

Insert the tape into the slot with the open side showing to the right. Press **SRC** to select the tape deck mode. "CASSETTE" will appear in the display. The tape will play in the direction "TAPE 1".
If a tape is already inside, press **SCR** to select "CASSETTE" mode. The tape will play in the direction last selected.

Reversing the tape

Press ◁▷ to change the tape direction during cassette playback from TAPE1 to TAPE2 or vice versa.
At the end of the tape, the unit will automatically switch to the opposite side.

Skipping cassette titles

CPS stands for Cassette Program Search and allows you to skip over songs on the tape.
The titles must, however, be separately by at least 3 seconds of blank tape.
During tape playback press either ∧ or ∨ on the rocker switch to activate the CPS mode. "CPS FF" or "CPS FR" will appear in the display. Press the button ∧/∨ repeatedly to skip the corresponding number of titles in either direction.
The number of titles to be skipped will appear in the display and count down until the title selected has been reached.
Press the button indicating the opposite direction or ≪ ≫ to stop the function.

Repeat song titles

During tape playback press **4/RPT**. "RPT" will light up in display field 3; "REPEAT-T" will appear briefly in display field 2. While the tape is rewinding, "REWIND-T" will appear in the display. The title playing will repeat until you press **4/RPT** again. "RPT" will disappear from the display.
Playback will now continue normally.

Scan

To scan all of the songs on a tape, press **SCA**. "SCAN" will appear in the display.
All of the titles on the tape in the tape deck will be scanned briefly one after the other.
Press **SCA** again to switch the SCAN function off. The title currently playing will continue to play.

Fast winding

Use the rocker switch to fast forward or rewind the tape during cassette operation:
>> forward
<< rewind.
"FORWARD" or "REWIND" will light up in the display.
Press the button indicating the opposite direction or ∧/∨ to stop the function.
If you have activated "Radio Monitor ON", the unit will play the radio station last selected while the tape is winding. You can alter the Radio Monitor setting in DSC mode.

Tape type selection

If you are playing METAL or CrO_2 cassettes, press MTL. "MTL" will then light up in display field 1.

DOLBY B NR (Noise reduction)*

Cassettes which have been recorded with the DOLBY B NR system exhibit considerably less tape noise and higher dynamics. To play cassettes recorded using this system, press ◻◻.
◻◻ will light up in display field 3.

Cassette eject

Press ⏏ to eject the cassette.

ENGLISH

CD changer operation

Traffic information during cassette playback

The **T**raffic **A**nnouncement function (priority for traffic programmes) makes it possible to listen to traffic information during cassette playback. If a traffic message is broadcast, cassette playback will be interrupted and you will hear the message.
This function is active, if "TA" lights up in the display.
Press **AF·TA** briefly to activate TA.

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* Dolby noise reduction system is manufactured under licence by Dolby Laboratories. The word Dolby and the double-D symbol are trademarks of Dolby Laboratories.

Option:

Saint Tropez RCM 168,
Ravenna RCM 168,
Rimini RCM 169.

Included in delivery:

Las Vegas DJ.

If the CD changer is connected, the symbol will light up in the display.
The changer is equipped with a magazine for 10 discs.

Note:

Use only perfectly circular CDs with a diameter of 12 cm.
CDs with a diameter of 8 cm or CDs manufactured in the shape of a mug, for example, are not suitable for use with this equipment.
Using such CDs can very likely result in the destruction of the CD and the CD drive.
We assume no responsibility for damages caused by using unsuitable CDs.
After you have inserted the magazine, keep the door closed to prevent the magazine from becoming dusty or dirty.

Inserting CDs

Insert one or several CDs into the magazine (printed surface facing up).
Slide the magazine into the CD changer in the direction of the arrow.
The CDs are counted from bottom to top.

Ejecting CDs

Open the door of the CD changer and press the eject button.

CD playback

Press SRC to select the CD changer.

- Press SRC repeatedly until "CHANGER" appears in the display.

CD playback starts with the first CD identified by the changer.

Selecting a CD

When CD playback starts, all active CD functions and the CD number or name will light up in the display.
To change the display between CD Name, CD number, elapsed time indication and clock, press ◷ during CD playback.

∧ / ∨ CD selection ∧ Up
∨ Down

The name or number of the CD currently playing will appear.

Selecting a track

- **Up:** Press briefly.
  CUE - fast advance (audible): Hold button down.
- **Down**: Press two or more times briefly.
  To re-start a title: Press briefly.
  REVIEW - fast reverse (audible): Hold button down.

Press the button repeatedly to skip several tracks.

The number of the selected track will appear beside "T" (track).

RPT

CD tracks can be played repeatedly.

The following options are available:

– Repeat the current track ("REPEAT-T")
or
– Repeat the CD, i.e. all tracks on the current disc ("REPEAT-D").

"RPT" will appear in display field 3 as long as RPT is active. "REPEAT-T" will light up briefly in display field 2 when you activate this function and each time the track changes. "REPEAT-D" will show when a CD is repeated.

Switch REPEAT-T on:
- Press **4/RPT** briefly.

Switch REPEAT-D on:
- Hold **4/RPT** down for longer.

To stop repeat functions, press **4/RPT**.

MIX

You can have the CD tracks played in random order.

The following options are available:
– Mix all tracks of one CD ("MIX-CD")
or
– Mix all tracks of all CDs ("MIX-ALL").

"MIX" will appear in display field 3 as long as the MIX function is active.
"MIX-CD" or "MIX-ALL" will light up briefly in display field 2 when you activate this function
and each time the track changes.

Switch MIX-CD on:
- Press **5/MIX** briefly.

Switch MIX-ALL on:
- Hold **5/MIX** down for longer.

To stop mix functions, press **5/MIX** again.

LIST

In DSC mode (Direct Software Control) it is possible to allocate names to your CDs. In LIST mode you can view this list without interrupting CD playback. If you have not named the CDs, the display will list the numbers only. Press <<>> to select a CD from the list. This CD will then begin to play.

SCAN

Use this function to scan all of the CD tracks.
To start the Scan function:
- Press **SCA**, "SCAN" will appear in the display.

All tracks on the CD will be scanned one after the other in ascending order.

To stop the Scan function:
- Press **SCA** briefly.

The track currently scanned will continue to play.

Naming CDs

To allow you to identify your CDs more quickly, you can use DSC programming to enter individual names for up to 99 CDs. The names can have up to 7 characters.
If you attempt to enter more than 99 names, "FULL" will appear in the display. The CD name has priority over the CD number for display purposes.

Proceed as follows:
Select DSC programming mode.

- Press **DSC**.
- Press ∧/∨ to select CDC_NAME.
- Press << >> to select the number or name (if you know it) of the CD you want to name.
- Press ∧/∨ to confirm your selection.
- Press << >> to switch to the editing mode. If the CD you have selected does not already have a name, 7 dashes "_" will appear in the display.
- The cursor will flash at its current position. Press << >> to move it.
- Press ∧/∨ to select the character you want to enter. Select a dash "_" to leave a blank space.
- Press DSC to store the name. The main CDC_NAME menu will appear again in the display.

If you want to alter a name which has already been entered, select that name in the DSC mode and overwrite it in the editing mode. If you want to change individual letters only, press << >> to move the cursor to the corresponding position and change that letter.

Deleting CD names

Deleting one CD name

Proceed as follows:
Select DSC programming mode.

- Press **DSC**.
- Press ∧/∨ to select CDC NAME.
- Press << >> to select the name you want to delete.
- Press ∧/∨ to confirm your selection.
- Press DSC and hold it down. After 2 seconds you will hear a beep and "ONE NAME" will appear in the display.
- Release DSC after 2 seconds but before 8 seconds. "DELETED" will appear in the display.
- The name of this CD has now been deleted. The main CDC NAME menu will appear again in the display.

Deleting all CD names

All of the CD names stored in the CD changer will be deleted.
Select DSC programming mode.

- Press DSC.
- Press ∧/∨ to select CDC NAME.
- Press << >> to select the name.
- Press **DSC** and hold it down. After 2 seconds and after 8 seconds you will hear a beep respectivly "ONE NAME" and then "ALLNAMES" will appear in the display.
- Release **DSC**. "DELETED" will appear in the display. The names of all of the CDs have now been deleted. The main CDC NAME menu will appear again in the display.

Clock

This unit is equipped with an internal clock.

Display priority:
To alter the display priority, press ◷ until you hear a beep. Press this button repeatedly until the desired display appears (does not apply for radio mode).

Radio mode
Press this button to display the clock briefly.

Cassette mode
Press this button to switch between the track played and the clock.

Changer mode
Press ◷ to switch between a display of the CD Name,CD number, the playing time elapsed and the clock.

Setting the clock

Set the clock in the DSC mode.
- Press **DSC** briefly.
- Press ∧/∨ to select the function "CLOCKSET".
- Press << >> to activate the hours or the minutes. The option you can set will flash.
- Press ∧/∨ to alter the flashing display.
- When you have completed the setting, press DSC briefly to store it.

Setting the TIMER

Using this unit it is possible to conveniently switch on a radio station you have selected at any time before. The radio station can be selected regardless of the currently active operating mode.

Proceed as follows:
- Select the radio station of your choice.
- Press **DSC**.
- Press ∧/∨ to select TIMER.
- If you want to turn off the Timer, press the << button and "OFF" will appear in display field 2.
- If you want to set the timer press the >> button. The timer time previously set will be shown first. Press >> button again to enter edit mode. The minutes will flash.
- Press ∧/∨ to set the minutes.
- Press << to activate the hour.
- Press ∧/∨ to set the hour.
- Press **DSC** to store your entry. You have now set the TIMER.

DSC programming

The car radio has been equipped with DSC (Direct Software Control) to allow you to customise certain programmable, basic settings to suit your personal needs and preferences and then store them.
The basic settings for this audio equipment were made at the factory.
In the following you can find an overview of these settings, so that you can always reset to them if desired.
If you wish to alter any of the programming,

- press **DSC**.

MENU ∨/∧ will light up in the display.

Use the ∨/∧ buttons on the rocker switch to select the functions you wish to change. The display will show you the setting you have selected. Press << >> on the rocker switch to change the values. Confirm the setting you have selected by pressing the DSC button.

∧/∨ Select function
<< >> Adjust/recall value

LOUDNESS Loudness boosts the bass frequencies at low volume.
LOUD 1 - Low boost
LOUD 6 - Max. boost

BAS CENT Bass Center Frequency Adjustment.
Adjusts the mid-range frequency to the specific equipment in the vehicle (50 or 100 Hz)

TA VOL The traffic announcement and warning beep volume can be set between 0 to 63. The message will then come through at this volume, if the standard volume is lower.If the standard volume is set higher than the TA VOL level, then the traffic report will be played at the standard volume.

REG OFF To listen to a regional radio programme outside of its RDS transmission range, switch on "REG ON".
For full RDS service, switch to "REG OFF".

SENS LO Adjusts seek tuning sensitivity."LO" stands for local reception."DX" stands for distant reception.
Select "LO 3" if you want to receive strong stations in the local area, select "DX 1" if you want to tune into weaker stations which are further away.

CDC NAME Names CDs .A maximum of 99 CDs can be given names of up to 7 characters.

CLOCK 24 Switches between 12-h and 24-h clock display.

CLOCKSET Sets the clock manually. Press << >> to select hours/minutes. Press ∨/∧ to adjust the flashing value.

TIMER Switches on a selected radio station at a selected time.

ON VOL Sets the turn-on volume. Press << >> to adjust the turn-on volume as desired.

MUTE Changes the mute volume.

BEEP Changes the volume of the acknowledgement tone (beep) between 0 and 9. (0 = off)

RM ON Radio Monitor
If the Radio Monitor function is active during fast winding of the tape, the unit will switch to the radio and play the station listened to last.

SCANTIME Use this function to set the scan time for the radio or CD player from 5 to 20 seconds.

BL SKIP Switches the Blank Skip function off and on; there must be at least 10 seconds of blank tape between songs.

AUX Select AUX-ON if you wish to connect a Discman or Walkman instead of the CD changer.

DISPLAY Switches the display on or off while the car radio is turned off.

Overview of the DSC factory settings

LOUDNESS	3
BAS CENT	Hz 50
TA VOL	40
REG	OFF
SENS	DX1
CDC NAME	
CLOCK	CLOCK 24
CLOCKSET	
TIMER	OFF
ON VOL	20
MUTE	10
BEEP	3
RM	ON
SCANTIME	10 seconds
BL SKIP	ON
AUX	OFF
DISP	OFF

Specifications

Amplifier

Output power: 4 x 25 W RMS power acc. to DIN 45324 at 14.4 V
4 x 40 W max. power

Tuner

Wavebands:

FM	:	87.5 - 108 MHz
MW	:	531 - 1602 kHz
LW	:	153 - 279 kHz

FM frequency response: 35 - 16000 Hz

Cassette

Frequency response: 30 - 18000 Hz

CD changer

Optional:
Saint Tropez RCM 168,
Ravenna RCM 168,
Rimini RCM 169
Included:
Las Vegas DJ

This equipment offers you convenient control of a Blaupunkt CD changer CDC-A 08 or CDC-A 072.

Subject to modification!

Blaupunkt-Werke GmbH
Bosch Gruppe

12/98 Wg

K7/VKD 8 622 401 836